

SRRTTF - Green Chemistry Workgroup

Proposed Ideas for SRRTTF-ACE Green Chemistry Advancement funding

1. Contract with NW Green Chemistry to develop a white paper or memo focused on PCBs in packaging from pigments and the problems caused by recycling. The paper would describe the problem and clarify the issue to generate greater awareness of the issue.

There are two options to choose from depending on audiences targeted:

	Option # 1	Option # 2
Audience	Green Blue*	Green Blue* & Academia
Paper length	~ 20 pages with 2-page executive summary	Two ~10 pages with 2-page executive summary

* GreenBlue is an environmental nonprofit based in Charlottesville, Virginia that promotes sustainable materials by encouraging innovation and best practices. See [[HYPERLINK "http://greenblue.org"](http://greenblue.org)] for more.

The paper(s) would describe:

- Background info on PCBs
- Why PCBs are a problem
 - fish bioaccumulation & water quality criteria
- How widespread
 - Delaware, San Francisco, Spokane, Duwamish River, & Pend Oreille River
- How these areas are dealing with PCBs – examples
- PCBs in pigments
- Interviews
 - IEP, Pendoray Newsprint, Ecology, WA Dept. of Enterprise Services, etc.

The outcome of the paper would be the development of webinars or educational materials to increase awareness of the issue among the Sustainable Packaging Coalition. An outline of the paper would be a milestone with the draft of the paper(s) due in the beginning of May *[or June?]*. SRRTTF members could assist NW Green Chemistry with the development of the paper.

This option would use all of the \$5,000 allocated for the fiscal year 2018.

2. The second idea, which would take place in fiscal year 2019 is to draft a similar paper for titanium dioxide. The paper would provide a literature review of what is known about PCBs in titanium dioxide, discuss how widely the material is used, the range of products it is found in, how it is manufactured, etc.